

INPUT SET: S4224.raw

This Raw Listing contains the General Information Section and up to the first 5 pages.

SEQUENCE LISTING

ENTERED

3 (1) General Information:

4

5 (i) APPLICANT: WEINBERG, J. BRICE
6 HAYNES, BARTON F.

7

8 (ii) TITLE OF INVENTION: AN ADHESION MOLECULE

9

10 (iii) NUMBER OF SEQUENCES: 16

11

12 (iv) CORRESPONDENCE ADDRESS:
13 (A) ADDRESSEE: NIXON & VANDERHYE P.C.
14 (B) STREET: 1100 NORTH GLEBE ROAD, 8TH FLOOR
15 (C) CITY: ARLINGTON
16 (D) STATE: VIRGINIA
17 (E) COUNTRY: U.S.A.
18 (F) ZIP: 22201-4714

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20 (v) COMPUTER READABLE FORM:
21 (A) MEDIUM TYPE: Floppy disk
22 (B) COMPUTER: IBM PC compatible
23 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
24 (D) SOFTWARE: PatentIn Release #1.0, Version #1.25

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26 (vi) CURRENT APPLICATION DATA:
27 (A) APPLICATION NUMBER: US 08/047,068
28 (B) FILING DATE: 16-APR-1993
29 (C) CLASSIFICATION:

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31 (vii) PRIOR APPLICATION DATA:
32 (A) APPLICATION NUMBER: US 07/945,581
33 (B) FILING DATE: 16-SEP-1992

34

35 (vii) PRIOR APPLICATION DATA:
36 (A) APPLICATION NUMBER: US 07/682,518
37 (B) FILING DATE: 09-APR-1991

38

39 (vii) PRIOR APPLICATION DATA:
40 (A) APPLICATION NUMBER: US 07/669,730
41 (B) FILING DATE: 15-MAR-1991

42

43 (viii) ATTORNEY/AGENT INFORMATION:
44 (A) NAME: WILSON, MARY J.
45 (B) REGISTRATION NUMBER: 32,955
46 (C) REFERENCE/DOCKET NUMBER: 1579-21

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PATENT APPLICATION US/08/047,068**DATE: 06/16/95
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47
48 (ix) TELECOMMUNICATION INFORMATION:
49 (A) TELEPHONE: (703) 816-4000
50 (B) TELEFAX: (703) 816-4100
51 (C) TELEX: 200797 NIXN UR
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54 (2) INFORMATION FOR SEQ ID NO:1:
55

56 (i) SEQUENCE CHARACTERISTICS:
57 (A) LENGTH: 22 amino acids
58 (B) TYPE: amino acid
59 (D) TOPOLOGY: linear
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61 (ii) MOLECULE TYPE: peptide
62
63
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65 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
66

67 Cys Glu Lys Asn Gly Arg Tyr Ser Ile Ser Arg Thr Glu Ala Ala Asp
68 1 5 10 15

69
70 Cys Cys Lys Ala Phe Asn
71 20
72

73 (2) INFORMATION FOR SEQ ID NO:2:
74

75 (i) SEQUENCE CHARACTERISTICS:
76 (A) LENGTH: 23 amino acids
77 (B) TYPE: amino acid
78 (D) TOPOLOGY: linear
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80 (ii) MOLECULE TYPE: peptide
81
82
83

84 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
85

86 Cys Asn Thr Ser Gln Tyr Asp Thr Tyr Cys Phe Asn Ala Ser Ala Pro
87 1 5 10 15

88
89 Pro Glu Glu Asp Cys Thr Ser
90 20
91

92 (2) INFORMATION FOR SEQ ID NO:3:
93

94 (i) SEQUENCE CHARACTERISTICS:
95 (A) LENGTH: 32 amino acids
96 (B) TYPE: amino acid
97 (D) TOPOLOGY: linear
98

99 (ii) MOLECULE TYPE: peptide

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103 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
104
105 Cys Arg Asp Gly Thr Arg Tyr Val Gln Lys Gly Glu Tyr Arg Thr Asn
106 1 5 10 15
107
108 Pro Glu Asp Ile Tyr Pro Ser Asn Pro Thr Asp Asp Asp Val Ser Ser
109 20 25 30
110
111
112 (2) INFORMATION FOR SEQ ID NO:4:
113
114 (i) SEQUENCE CHARACTERISTICS:
115 (A) LENGTH: 42 amino acids
116 (B) TYPE: amino acid
117 (D) TOPOLOGY: linear
118
119 (ii) MOLECULE TYPE: peptide
120
121
122
123 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
124
125 Cys Arg Asp Gly Thr Arg Tyr Val Gln Lys Gly Glu Tyr Arg Ile Asn
126 1 5 10 15
127
128 Pro Glu Asp Ile Tyr Pro Ser Asn Pro Thr Asp Asp Asp Val Ser Ser
129 20 25 30
130
131 Gly Ser Ser Ser Glu Arg Ser Ser Thr Ser
132 35 40
133
134 (2) INFORMATION FOR SEQ ID NO:5:
135
136 (i) SEQUENCE CHARACTERISTICS:
137 (A) LENGTH: 21 amino acids
138 (B) TYPE: amino acid
139 (D) TOPOLOGY: linear
140
141 (ii) MOLECULE TYPE: peptide
142
143
144
145 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
146
147 Cys Tyr Arg Thr Asn Pro Glu Asp Ile Tyr Pro Ser Asn Pro Thr Asp
148 1 5 10 15
149
150 Asp Asp Val Ser Ser
151 20
152

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153 (2) INFORMATION FOR SEQ ID NO:6:

154

155 (i) SEQUENCE CHARACTERISTICS:
156 (A) LENGTH: 21 amino acids
157 (B) TYPE: amino acid
158 (D) TOPOLOGY: linear

159

160 (ii) MOLECULE TYPE: peptide

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162

163

164 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:

165

166 Cys Thr Val His Pro Ile Pro Asp Glu Asp Ser Pro Trp Ile Thr Asp
167 1 5 10 15

168

169 Ser Thr Pro Arg Ile
170 20

171

172 (2) INFORMATION FOR SEQ ID NO:7:

173

174 (i) SEQUENCE CHARACTERISTICS:
175 (A) LENGTH: 21 amino acids
176 (B) TYPE: amino acid
177 (D) TOPOLOGY: linear

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179 (ii) MOLECULE TYPE: peptide

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183 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:

184

185 Asp Ser Pro Trp Ile Thr Asp Ser Thr Asp Arg Ile Phe Ala Thr Arg
186 1 5 10 15

187

188 Asp Gln Asp Thr Ile
189 20

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191 (2) INFORMATION FOR SEQ ID NO:8:

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193 (i) SEQUENCE CHARACTERISTICS:
194 (A) LENGTH: 35 amino acids
195 (B) TYPE: amino acid
196 (D) TOPOLOGY: linear

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198 (ii) MOLECULE TYPE: peptide

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202 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:

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204 Cys Ala Thr Arg Asp Gln Asp Thr Phe His Pro Ser Gly Gly Ser His
205 1 5 10 15

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206 Thr Thr His Glu Ser Glu Asp Gly His Ser His Gly Ser Gln Glu Gly
207 20 25 30
208
209 Gly Ala Asn
210 35
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(2) INFORMATION FOR SEQ ID NO:9:

213 (i) SEQUENCE CHARACTERISTICS:
214 (A) LENGTH: 13 amino acids
215 (B) TYPE: amino acid
216 (D) TOPOLOGY: linear
217
218 (ii) MOLECULE TYPE: peptide
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220

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:

221 Cys Arg Asp Gly Ile Arg Tyr Val Gln Lys Gly Glu Tyr
222 1 5 10
223

(2) INFORMATION FOR SEQ ID NO:10:

224 (i) SEQUENCE CHARACTERISTICS:
225 (A) LENGTH: 7 amino acids
226 (B) TYPE: amino acid
227 (D) TOPOLOGY: linear
228
229 (ii) MOLECULE TYPE: peptide
230

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:

231 Pro Ser Asn Pro Thr Asp Asp
232 1 5
233

(2) INFORMATION FOR SEQ ID NO:11:

234 (i) SEQUENCE CHARACTERISTICS:
235 (A) LENGTH: 10 amino acids
236 (B) TYPE: amino acid
237 (D) TOPOLOGY: linear
238
239 (ii) MOLECULE TYPE: peptide
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(xi) SEQUENCE DESCRIPTION: SEQ ID NO:11:

241 Thr Ser Gly Gly Tyr Ile Phe Tyr Thr Phe
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**SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/08/047,068**

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Original Text